

DTX2

Cap Torque Tester



- 3 Ranges up to 85 lbf-in / 100.0 kgf-cm / 1000 N-cm

- Accuracy: $\pm 0.5\%$ F.S. ± 1 LSD

- Suitable for containers from 1/2" - 7" (13 - 178mm) in diameter

- lbf-in, kgf-cm, and N-cm units are selectable

- Real time and peak mode (selectable)

- 1000 Data memory for computer download

- Includes NIST traceable calibration certificate

- Overload capacity 200% of F.S.

- Both clockwise and counterclockwise operation

- Can be operated with internal rechargeable battery or AC adapter

- Tare function

- Serial Output for connection to Printer or PC

- ISO/IEC 17025 Long-form Certificate and Test Data is optionally available

- 2 Year Warranty

The new, easy-to-use Check•Line® DTX2 Cap Torque Tester accurately measures twist on and twist off force. The tester offers programmable high/low setpoints for go/no-go testing. ORANGE lights up for measurements less than Low setpoint, GREEN for between High and Low setpoint, and RED for over High setpoint.

The tester stores up to 1000 values in memory, which can be transmitted using the serial output. Use the real-time mode to display torque transients, or the peak mode to capture the peak torque achieved during a test. Selectable measuring units of lbf-in, kgf-cm, or N-cm.

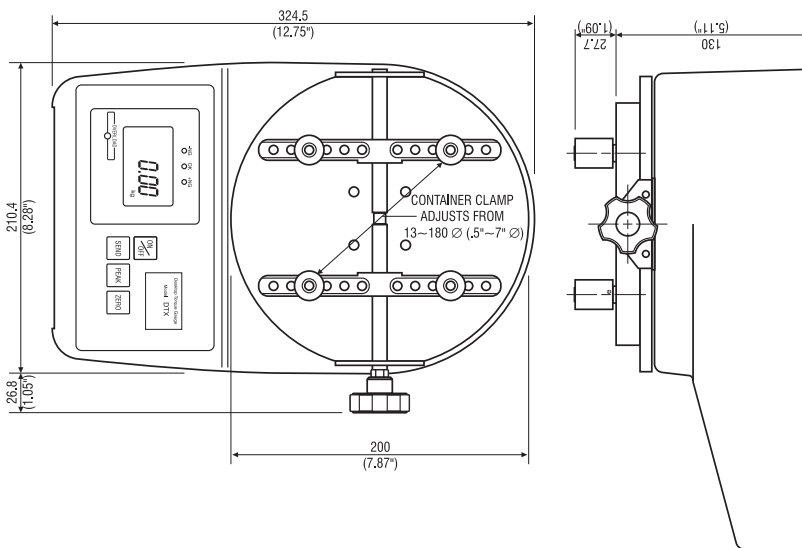
The DTX2 Cap tester include an AC adapter/charger and built-in NiCad rechargeable batteries, 1" high standard pegs (optional long pegs available).

Specifications

Typical Torque Values (LB-IN)

Cap dia in mm	Phenolic/Urea Cap On Glass		Phenolic/Urea Cap On Plastic		PP / PE Cap On Glass		PP / PE Cap On Plastic	
	Close Torque	Open Torque	Close Torque	Open Torque	Close Torque	Open Torque	Close Torque	Open Torque
14	8	4	6	3	12	7	8	4
18	9	5	7	4	13	8	9	5
20	10	5	8	4	15	9	10	5
22	11	6	9	5	17	10	11	6
24	12	6	10	5	18	11	12	6
28	14	7	12	6	21	12	14	7
33	18	9	15	7	24	14	17	8
38	20	10	17	7	29	17	19	9
43	22	11	18	9	33	20	22	11
48	24	14	20	10	26	22	24	12
58	28	14	24	12	44	26	29	14
70	35	18	28	14	52	32	35	17
89	45	22	36	18	65	40	45	22
100	50	25	40	20	75	38	50	25

Dimensions



Force Ranges

Model	Capacity lbf-in	Capacity kgf-cm	Capacity N-cm
DTX2-15B	15.00 <i>(0.01 lbf-in)</i>	20.00 <i>(0.01 kgf-cm)</i>	200.0 <i>(0.1 N-cm)</i>
DTX2-40B	40.00 <i>(0.01 lbf-in)</i>	50.00 <i>(0.01 kgf-cm)</i>	500.0 <i>(0.1 N-cm)</i>
DTX2-85B	85.00 lbf-in <i>(0.1 lbf-in)</i>	100.0 kgf-cm <i>(0.1 kgf-cm)</i>	1000 N-cm <i>(1 N-cm)</i>

Max Sample Diameter	1/2" – 7" (13–178mm)
Gross Shipping Weight	14 lbs (6.35 Kg)
Shipping Dimensions	17" x 13" x 10" approx. <i>(431.8 x 330.2 x 254mm)</i>
Pegs standard	1" (26mm)
optional	4" (104mm)

SW-1 Data Acquisition Software

- For Force and Torque Gauges
- Full SPC & graphing capabilities
- Automates your data collection
- Provides a running log of all measurements with a chart of the data and statistical information



Optional Accessories

ISO-17025	ISO/IEC Certificate & Test Data
SW-1X	Software for DTX2 Torque Gauge
DTX2-4PEG	4" pegs (4 pieces)
U-1124ST	SPC Printer for DTX2
DB-1XP	Baud Rate Converter Button
CB-204	RS232 Serial Output Cable